

1/7/5 (Item 5 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

002227438

WPI Acc No: 1979-26618B/ 197914

Liquid concentrating appts. - esp. for concentrating multicomponent
solns. of polyacrylonitrile copolymer mixed with DMF

Patent Assignee: MITSUBISHI RAYON CO LTD (MITR)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 54025270	A	19790226			197914	B

Priority Applications (No Type Date): JP 7790136 A 19770727

Abstract (Basic): JP 54025270 A

Appts. is claimed for concentrating a soln. having a low concn.
e.g. multi-component mixt. solns. of acrylonitrile copolymer and
dimethyl formamide. The object is to efficiently concentrate the liq.
having a medium viscosity.

A unit for heating the soln. with pressure is connected to a
concentrating chamber provided with a unit for spraying the soln.
heated with pressure in the unit, pressure adjuster for the
concentrating chamber, temperature adjuster for the same chamber,
volatile component discharge port and concentrate liquid outlet.

The unit has a structure for converting the latent heat of evapn.
of the liq. in the solution into the detectable heat of the soln.

Derwent Class: A97; J01

International Patent Class (Additional): B01D-001/16